OIPE JC95
JUN 30 2005
PATENT & TRADEMARK OFFICE

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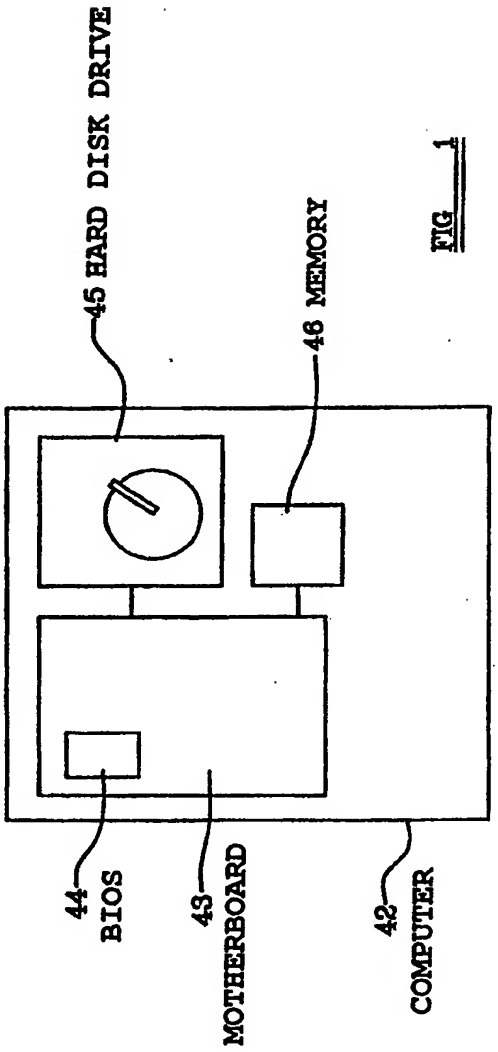

FIG 1

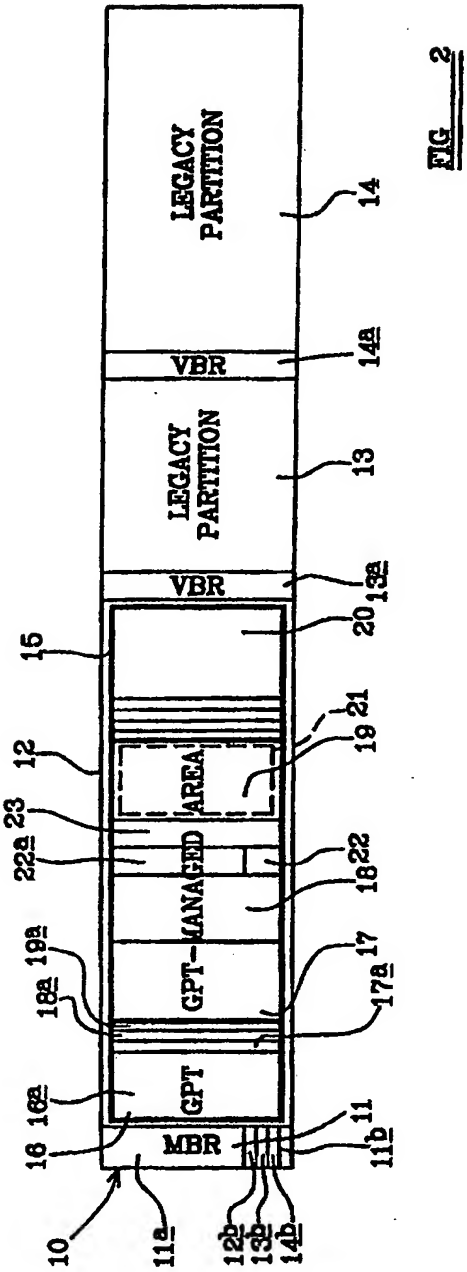

FIG 2

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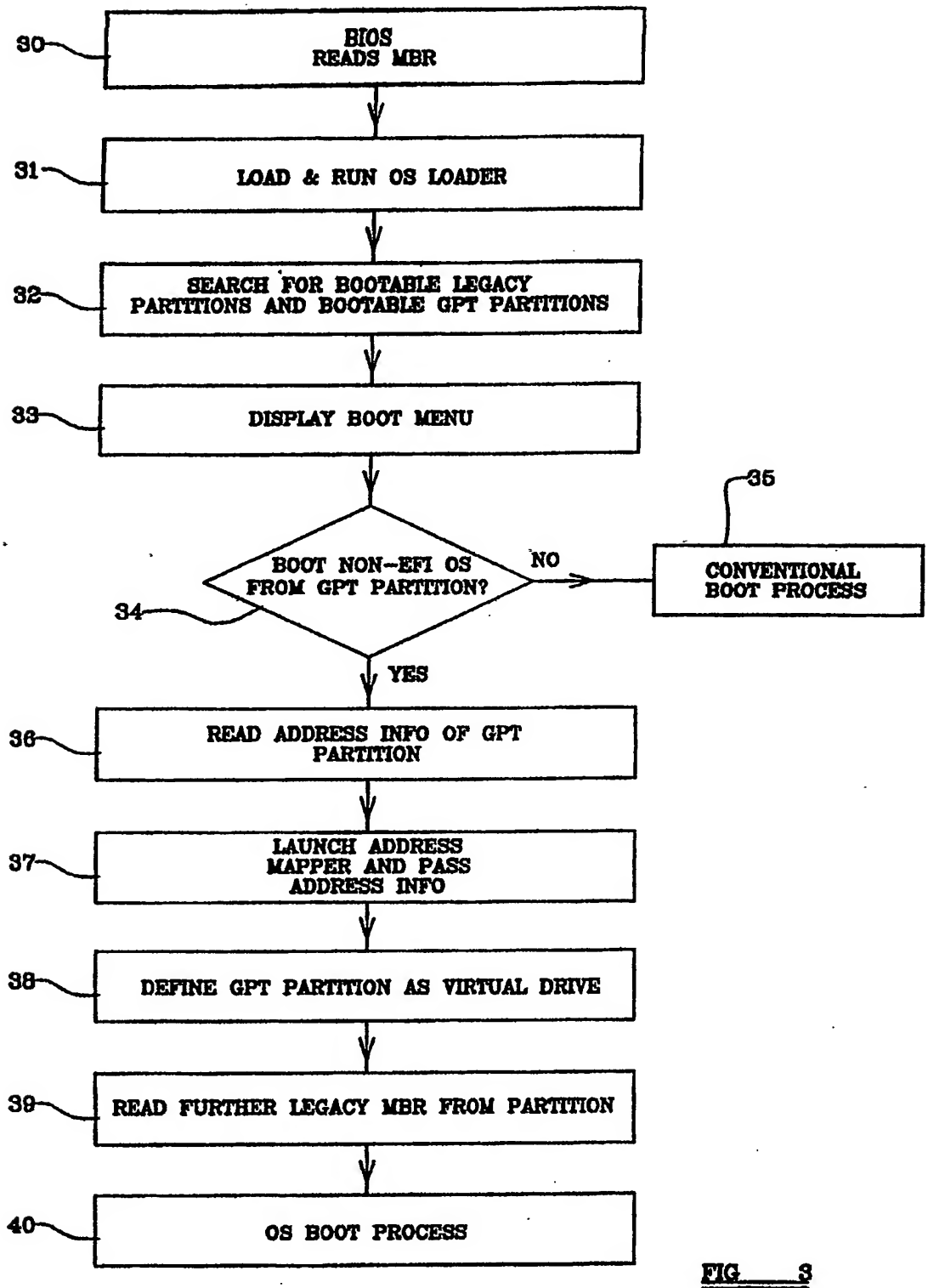
30
BIOS READS MBR
31
LOAD & RUN OS LOADER
32
SEARCH FOR BOOTABLE LEGACY PARTITIONS AND BOOTABLE GPT PARTITIONS
33
DISPLAY BOOT MENU
34
BOOT NON-EFI OS FROM GPT PARTITION?
NO
35
CONVENTIONAL BOOT PROCESS
YES
36
READ ADDRESS INFO OF GPT PARTITION
37
LAUNCH ADDRESS MAPPER AND PASS ADDRESS INFO
38
DEFINE GPT PARTITION AS VIRTUAL DRIVE
39
READ FURTHER LEGACY MBR FROM PARTITION
40
OS BOOT PROCESS

FIG 3

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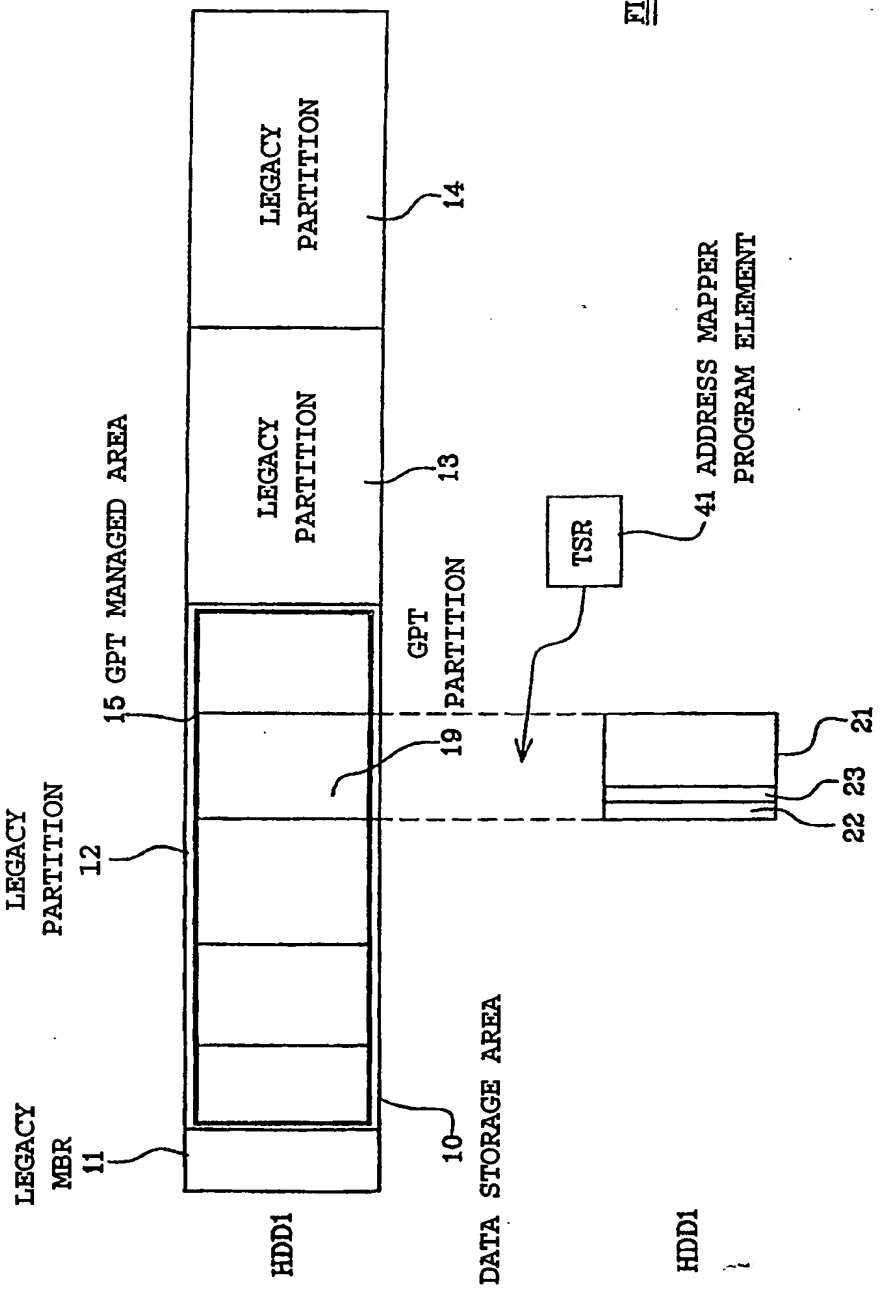
FIG 4


LEGACY PARTITION
14
LEGACY PARTITION
13
15 GPT MANAGED AREA
GPT PARTITION
19
TSR
41 ADDRESS MAPPER PROGRAM ELEMENT
21
23
22
LEGACY PARTITION
12
LEGACY MBR
11
10
HDD1
DATA STORAGE AREA
HDD1